

Dot laser, red, 635 nm, 5 mW

DOE635-5-3-S(22x112)
Order Number: 70121568

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		5		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	40	60	90	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty 1 years

Technical Parameters

Lifetime > 10,000 h
RoHS yes

Optical Parameters

Beam Shape	Dot
Laser Class	3R
Divergence	E - 0.6 mrad
Size of Laserdot	<0,5mm@0,4m
Operating Distance	0.4 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Stability	+/- 3% @ -10-50°C
Focus	fixed (4.0m)

Electrical Parameters

Potential of Housing	VDD(+)
Battery	CR123A Lithium Battery, 3V 1400mAh
Battery count	1

Mechanical Parameters

Size	Ø22x112 mm
Material	aluminium
Output Aperture	5 mm
Housing Color	black
Weight	87 g

(*) Over the complete operating temperature range

Features



- Operating Voltage 3V DC
- Compact size
- Laser Class 3R
- With battery
- Adjustable focus

Picture



Safety Label



Valid Revision

| 05-JAN-2017